
List of figures

Figure 1	
Meridian 1 to Remote IPE links	11
Figure 2	
Carrier Remote IPE column	13
Figure 3	
Carrier Remote IPE cabinet	15
Figure 4	
System functional architecture	17
Figure 5	
Meridian 1 Carrier Remote architecture	22
Figure 6	
Local Carrier Interface card functional block diagram	24
Figure 7	
Remote Carrier Interface card functional block diagram	29
Figure 8	
Carrier Remote IPE Connection Record label	65
Figure 9	
Local Carrier Interface card DIP-switch positions and function	69
Figure 10	
Local Carrier Interface card faceplate cable connections in Meridian 1	73
Figure 11	
System monitor, local MMI terminal, and carrier links cable connections	77
Figure 12	
Daisy-chaining multiple Local Carrier Interface cards	84

Figure 13	
System monitor connections at Meridian 1 and the Carrier Remote IPE	88
Figure 14	
Local Carrier Interface card faceplate cable connections in NT or XT system	93
Figure 15	
Remote Carrier Interface card DIP-switch locations and functions	107
Figure 16	
Backplane to I/O panel connections on the IPE module	112
Figure 17	
Carrier Remote IPE cabinet	120
Figure 18	
Carrier cable routing for the Carrier Remote IPE cabinet	123
Figure 19	
Carrier cable routing for the Carrier Remote IPE cabinet	127
Figure 20	
TTY and subscriber loop cable connections	130
Figure 21	
Connecting the PFTU to the Carrier Remote IPE cabinet	132
Figure 22	
TTY or terminal modes at the local and the remote sites	140
Figure 23	
NT7R51 Local Carrier Interface card	166
Figure 24	
Remote Carrier Interface card	168
Figure 25	
Loopback path for XCON test 6	192
Figure 26	
Loopback path for XCON test 7	196
Figure 27	
Single LCI connection diagram (local site connections)	222

Figure 28	
Multiple LCIs connection diagram (local site daisy-chain connection)	223
Figure 29	
Remote Carrier IPE IPE module connection diagram (single RCI configuration)	224
Figure 30	
Remote Carrier IPE cabinet connection diagram (single RCI configuration)	225
Figure 31	
Local site system monitor connection diagram (single and multiple LCI configuration)	226
Figure 32	
RJ48-type 8-pin modular plug pin assignments	234

